

Scaled data based on original data using
LM-79-2019 Approved Method: Electrical and Photometric Measurements of Solid-
State Lighting Products

Test Report Prepared for
Cooper Lighting Solutions

Brand: NEO-RAY

Report Number: P1013386

Luminaire Tested: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

Issue Date: 5/6/2025

Test Information

Test Method: LM-79-2019
Report Number: P1013386
REPORT IS A COMBINATION OF REPORTS P999585 AND P1007351
Test Lab: INNOVATION CENTER
Issue Date: 5/6/2025
Manufacturer: COOPER LIGHTING SOLUTIONS
Product Line: NEO-RAY
Catalog Number: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K
Description: Define 4 Regressed Direct/Indirect Pendant with 2700K BioUP LEDs {m-DER=0.473}
{m-EER=0.52}
Light Source: -
Ballast/Driver: -

Summary

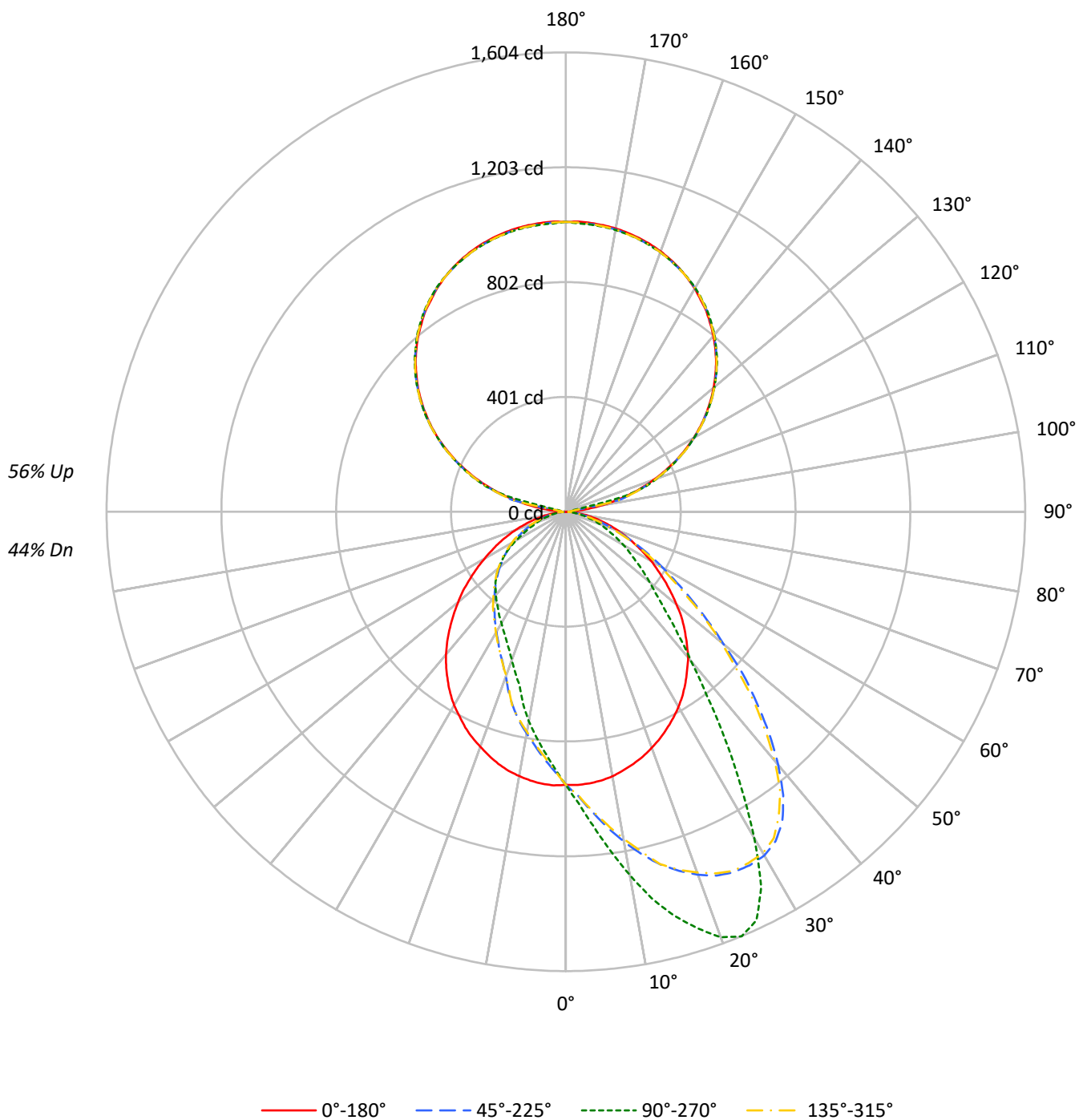
Lumens per Lamp: N/A
Luminaire Lumens: 5544.0 lumens
Efficiency: N/A
Efficacy: 122.9 lumens/watt
Spacing Criteria (0/90/45): 1.22 / 1.27 / 1.38
Luminous Opening: Rectangular w/ Sides (W: 0.33' x L: 4' x H: 0.1')
CIE Type: General Diffuse

Input Watts (W): 45.1
Input Voltage (V): 120
Input Current (Ain): NR
Voltage Rise (V): NR
Power Factor: NR
Total Harmonic Distortion (THDi): NR
Frequency (hertz): 60
Stabilization Time: NR
Operation Time: NR
Ambient Temperature (°C): NR
Test Distance: 24 FT

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

Luminous Intensity Polar Plot



TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

COEFFICIENT OF UTILIZATION - ZONAL CAVITY METHOD:

RF	20				20					20					20					20
RC	80				70					50					30					0
RW	70	50	30	10	70	50	30	10	50	30	10	50	30	10	50	30	10	50	30	10
RCR																				
0	106	106	106	106	97	97	97	97	80	80	80	64	64	64	50	50	50	44		
1	97	93	89	86	88	85	82	79	70	68	66	57	56	54	45	44	43	37		
2	88	81	75	71	81	75	70	65	62	59	55	51	48	46	40	38	37	32		
3	81	72	65	59	74	66	60	55	55	51	47	45	42	39	36	34	32	28		
4	74	64	56	50	68	59	52	47	49	44	40	40	37	34	32	30	28	24		
5	68	57	49	43	62	52	46	40	44	39	35	36	33	30	29	26	24	21		
6	63	51	43	38	57	47	40	35	40	35	31	33	29	26	27	24	22	19		
7	58	46	38	33	53	43	36	31	36	31	27	30	26	23	24	21	19	17		
8	54	42	34	29	49	39	32	27	33	28	24	28	24	21	22	19	17	15		
9	50	38	31	26	46	36	29	25	30	25	22	25	21	19	21	18	16	14		
10	47	35	28	23	43	33	26	22	28	23	19	23	20	17	19	16	14	12		

AVERAGE LUMINANCE (cd/sqm):

	0°	90°	180°	270°
0°	7774	7774	7774	7774
5°	7774	8784	7787	6714
10°	7733	10126	7726	5839
15°	7640	11397	7640	4889
20°	7544	12357	7505	4305
25°	7427	12409	7393	3888
30°	7302	10552	7245	3601
35°	7125	7962	7035	3388
40°	6928	5770	6793	3221
45°	6603	4385	6439	3073
50°	6217	3544	6047	2857
55°	5800	2935	5610	2569
60°	5381	2481	5140	2136
65°	4853	2022	4699	1698
70°	4370	1639	4165	1379
75°	3830	1181	3565	1011
80°	3159	782	2875	743
85°	2292	402	1899	402

MAXIMUM LUMINANCE 45°-90°:

Horizontal Angle: 35°

Vertical Angle: 45°

Luminance: 9732 cd/sqm

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

ZONAL LUMENS:

Zone	Lumens	% Fixture
0°-10°	92.3	1.7
10°-20°	278.8	5.0
20°-30°	436.7	7.9
30°-40°	484.9	8.7
40°-50°	429.7	7.8
50°-60°	334.9	6.0
60°-70°	219.1	4.0
70°-80°	107.5	1.9
80°-90°	28.3	0.5
90°-100°	33.6	0.6
100°-110°	221.3	4.0
110°-120°	422.5	7.6
120°-130°	536.4	9.7
130°-140°	573.8	10.3
140°-150°	536.5	9.7
150°-160°	432.7	7.8
160°-170°	279.0	5.0
170°-180°	96.2	1.7
0°-30°	807.8	14.6
0°-40°	1292.7	23.3
0°-60°	2057.3	37.1
0°-90°	2412.1	43.5
90°-120°	677.4	12.2
90°-150°	2324.0	41.9
90°-180°	3132.0	56.5
0°-180°	5544.0	100.0

CANDELA DISTRIBUTION:

	0°	90°	180°	270°	360°	Flux
0°	953	953	953	953	953	
5°	952	1102	953	842	952	90
15°	911	1460	911	626	911	257
25°	835	1574	831	493	835	385
35°	728	970	719	412	728	455
45°	587	496	572	347	587	453
55°	422	296	409	259	422	378
65°	265	173	257	145	265	264
75°	133	80	124	68	133	141
85°	32	19	26	19	32	36
90°	2	23	2	23	2	4
95°	42	22	42	22	42	51
105°	228	216	228	216	228	238
115°	425	428	425	428	425	419
125°	598	603	598	603	598	534
135°	742	747	742	747	742	572
145°	855	860	855	860	855	535
155°	938	937	938	937	938	432
165°	989	985	989	985	989	280
175°	1012	1006	1012	1006	1012	96
180°	1012	1012	1012	1012	1012	

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (FULL):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	954.9	963.4	968.0	971.8	979.5	982.6	988.7	990.2	996.4	995.6	993.3
5°	951.8	966.4	977.2	988.7	1002.5	1010.2	1018.7	1031.0	1037.1	1045.6	1050.9
7.5°	946.5	966.4	984.1	1001.8	1024.0	1036.3	1047.1	1066.3	1082.4	1096.3	1111.6
10°	938.0	963.4	989.5	1013.3	1044.0	1058.6	1074.7	1103.2	1125.4	1144.7	1169.2
12.5°	924.9	960.3	989.5	1021.7	1060.9	1080.9	1102.4	1136.2	1162.3	1193.8	1224.6
15°	911.1	950.3	988.7	1031.0	1075.5	1098.6	1120.1	1165.4	1205.3	1241.5	1275.3
17.5°	895.8	938.8	981.0	1027.9	1081.7	1110.1	1135.4	1190.0	1233.8	1280.6	1314.4
20°	877.3	924.2	972.6	1024.8	1085.5	1117.0	1145.4	1207.6	1256.0	1306.8	1349.0
22.5°	857.3	908.0	961.0	1017.9	1080.9	1115.5	1148.5	1215.3	1271.4	1318.3	1375.1
25°	835.1	888.8	943.4	1003.3	1074.0	1111.6	1145.4	1211.5	1271.4	1332.9	1388.2
27.5°	812.0	867.3	924.2	987.2	1059.4	1096.3	1134.7	1198.4	1268.3	1335.2	1391.3
30°	786.7	840.4	900.4	960.3	1037.1	1074.0	1113.2	1182.3	1258.4	1325.2	1385.9
32.5°	759.0	814.3	871.2	933.4	1008.7	1048.6	1084.7	1163.1	1240.7	1306.8	1363.6
35°	728.3	780.5	834.3	898.1	972.6	1008.7	1051.7	1133.1	1211.5	1281.4	1318.3
37.5°	695.2	745.2	795.1	858.1	929.6	973.3	1015.6	1097.8	1180.8	1227.6	1246.8
40°	664.5	708.3	752.1	812.8	885.0	930.3	973.3	1058.6	1131.6	1167.7	1153.1
42.5°	625.3	670.7	709.8	765.9	838.9	881.2	924.9	1013.3	1072.4	1087.0	1050.9
45°	586.9	624.6	662.2	716.8	793.6	829.7	876.5	958.7	1007.9	994.9	941.8
47.5°	549.3	580.0	615.3	668.4	737.5	780.5	824.3	895.8	930.3	911.9	838.1
50°	504.7	535.5	572.3	618.4	685.3	726.7	761.3	827.4	853.5	808.2	719.1
52.5°	462.5	489.4	520.9	563.9	627.6	665.3	702.9	759.8	768.2	716.0	622.3
55°	422.5	444.0	477.1	511.6	570.0	610.0	636.1	684.5	682.2	616.9	536.2
57.5°	381.0	401.0	423.3	459.4	514.7	544.7	573.1	615.3	593.1	537.8	457.9
60°	344.2	355.7	378.0	412.5	459.4	485.5	507.8	530.8	511.6	451.7	390.3
62.5°	303.4	316.5	332.6	360.3	401.8	426.4	442.5	452.5	432.5	386.4	330.3
65°	265.0	276.6	293.5	318.0	349.5	368.0	376.4	383.3	372.6	320.3	275.8
67.5°	230.5	238.1	253.5	269.6	303.4	308.1	319.6	322.7	301.1	261.2	225.9
70°	195.9	203.6	210.5	229.7	245.1	253.5	255.8	255.8	234.3	208.2	179.0
72.5°	163.6	168.2	175.2	188.2	196.7	202.8	205.9	202.0	182.1	160.6	139.0
75°	132.9	135.2	141.4	149.8	156.7	154.4	153.6	149.0	134.4	119.1	106.8
77.5°	102.2	103.7	110.6	112.9	112.9	115.2	112.2	107.6	95.3	83.7	78.4
80°	76.8	79.1	79.9	81.4	79.9	79.9	77.6	69.9	63.8	58.4	54.5
82.5°	53.0	54.5	55.3	53.0	54.5	52.2	48.4	43.0	39.2	38.4	36.9
85°	31.5	32.3	31.5	31.5	29.2	28.4	25.4	24.6	23.0	23.0	22.3
87.5°	15.4	14.6	13.1	11.5	11.5	10.8	11.5	10.0	11.5	10.8	10.0
90°	2.3	4.1	6.0	7.8	9.7	10.6	11.3	12.6	14.0	15.3	16.7
92.5°	11.4	11.0	10.7	10.3	10.0	9.8	10.5	11.8	13.2	14.5	15.9
95°	41.6	35.9	30.2	24.5	18.8	15.9	16.0	16.2	16.3	16.5	16.7
97.5°	79.5	83.2	86.9	90.6	94.3	96.1	87.3	69.6	52.0	34.3	16.7
100°	124.2	127.2	130.2	133.3	136.3	137.8	126.2	103.0	79.7	56.5	33.3
102.5°	174.1	176.1	178.1	180.2	182.2	183.2	184.2	186.2	188.3	190.3	192.3
105°	227.9	228.9	229.9	230.9	231.9	232.4	232.8	233.7	234.5	235.4	236.2
107.5°	277.1	277.6	278.1	278.6	279.1	279.3	279.9	281.1	282.2	283.4	284.6
110°	327.0	327.5	328.0	328.5	329.0	329.3	329.8	330.8	331.8	332.8	333.8

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	0°	5°	10°	15°	20°	22.5°	25°	30°	35°	40°	45°
112.5°	375.5	376.5	377.5	378.5	379.5	380.0	380.2	380.5	380.8	381.2	381.5
115°	425.4	425.9	426.4	426.9	427.4	427.7	427.6	427.5	427.3	427.2	427.0
117.5°	470.1	470.8	471.4	472.1	472.8	473.1	473.4	473.9	474.4	474.9	475.4
120°	515.5	516.2	516.9	517.6	518.3	518.6	518.5	518.3	518.2	518.0	517.8
122.5°	557.9	558.2	558.6	558.9	559.2	559.4	559.6	559.9	560.3	560.6	561.0
125°	598.0	598.7	599.4	600.1	600.8	601.1	600.9	600.6	600.3	599.9	599.6
127.5°	636.7	636.9	637.0	637.2	637.3	637.4	637.8	638.7	639.5	640.4	641.2
130°	673.7	673.9	674.1	674.2	674.4	674.5	674.8	675.3	675.8	676.3	676.8
132.5°	707.8	708.1	708.5	708.8	709.1	709.3	709.6	710.3	711.0	711.7	712.4
135°	741.9	741.7	741.5	741.4	741.2	741.1	741.4	742.1	742.8	743.5	744.2
137.5°	772.2	772.2	772.2	772.2	772.2	772.2	772.6	773.4	774.3	775.1	775.9
140°	801.7	802.0	802.4	802.7	803.0	803.2	803.4	803.7	804.0	804.4	804.7
142.5°	828.2	828.9	829.5	830.2	830.9	831.2	831.3	831.5	831.6	831.8	832.0
145°	855.4	855.9	856.4	856.9	857.4	857.7	857.7	857.7	857.7	857.7	857.7
147.5°	876.6	877.6	878.6	879.7	880.7	881.2	881.1	880.9	880.8	880.6	880.4
150°	900.1	900.8	901.4	902.1	902.8	903.1	903.0	902.9	902.7	902.6	902.4
152.5°	919.8	920.3	920.8	921.3	921.8	922.1	921.9	921.6	921.2	920.9	920.5
155°	937.9	938.1	938.3	938.4	938.6	938.7	938.4	937.9	937.4	936.9	936.4
157.5°	953.8	953.8	953.8	953.8	953.8	953.8	953.5	952.8	952.1	951.5	950.8
160°	967.5	967.0	966.5	966.0	965.5	965.2	965.1	964.9	964.8	964.6	964.4
162.5°	979.6	978.9	978.3	977.6	976.9	976.6	976.5	976.3	976.2	976.0	975.8
165°	989.4	988.6	987.7	986.9	986.0	985.6	985.6	985.6	985.6	985.6	985.6
167.5°	997.8	997.0	996.1	995.3	994.4	994.0	993.9	993.7	993.6	993.4	993.2
170°	1004.6	1003.6	1002.6	1001.5	1000.5	1000.0	1000.1	1000.3	1000.4	1000.6	1000.8
172.5°	1009.1	1008.1	1007.1	1006.1	1005.1	1004.6	1004.7	1004.8	1005.0	1005.1	1005.3
175°	1012.1	1011.1	1010.1	1009.1	1008.1	1007.6	1007.7	1007.9	1008.0	1008.2	1008.4
177.5°	1014.4	1013.2	1012.0	1010.9	1009.7	1009.1	1009.3	1009.6	1009.9	1010.3	1010.6
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	999.5	1007.9	1008.7	1016.4	1014.1	1010.2	1017.1	1012.5	1021.7	1018.7	1022.5
5°	1057.8	1069.4	1079.4	1085.5	1096.3	1094.0	1105.5	1101.6	1110.1	1101.6	1112.4
7.5°	1126.2	1145.4	1155.4	1171.5	1176.2	1176.9	1190.7	1193.8	1199.2	1193.8	1200.0
10°	1193.1	1216.1	1239.1	1252.2	1260.7	1272.2	1284.5	1289.8	1293.7	1288.3	1292.2
12.5°	1253.7	1289.8	1315.2	1341.3	1347.5	1357.5	1370.5	1369.0	1384.3	1381.3	1388.2
15°	1309.8	1349.8	1380.5	1401.2	1418.1	1426.6	1451.2	1452.7	1451.9	1459.6	1455.0
17.5°	1359.8	1393.6	1437.3	1464.2	1485.0	1485.0	1498.8	1527.2	1524.9	1524.2	1528.8
20°	1400.5	1438.9	1479.6	1524.9	1541.8	1544.9	1564.1	1578.7	1581.0	1581.0	1581.0
22.5°	1431.2	1476.5	1520.3	1552.6	1565.6	1576.4	1593.3	1602.5	1605.6	1604.1	1605.6
25°	1446.6	1489.6	1534.1	1563.3	1571.0	1577.2	1578.7	1584.1	1583.3	1574.1	1579.5
27.5°	1449.6	1491.1	1520.3	1528.0	1524.2	1520.3	1495.7	1498.0	1491.1	1477.3	1482.7
30°	1435.8	1458.1	1457.3	1433.5	1426.6	1410.5	1388.2	1355.1	1328.3	1316.7	1320.6
32.5°	1385.9	1385.9	1358.2	1304.4	1280.6	1251.4	1211.5	1181.5	1146.2	1138.5	1153.1
35°	1316.7	1277.6	1226.9	1156.2	1120.1	1098.6	1029.4	1007.9	978.0	969.5	976.4
37.5°	1209.2	1143.9	1070.1	1004.1	973.3	934.9	874.2	843.5	822.0	807.4	814.3
40°	1088.6	1009.4	932.6	851.2	817.4	785.9	740.6	712.9	678.3	679.9	682.2
42.5°	973.3	880.4	794.3	719.1	686.8	660.7	629.2	595.4	583.1	579.2	575.4
45°	851.2	752.1	671.4	615.3	586.2	561.6	532.4	513.2	498.6	495.5	499.3
47.5°	736.0	652.2	575.4	523.2	499.3	487.1	464.0	446.3	437.1	429.4	434.0
50°	631.5	553.1	491.7	447.9	431.0	422.5	401.0	391.8	382.6	380.3	379.5
52.5°	545.4	478.6	425.6	390.3	377.2	372.6	356.5	343.4	335.7	338.0	339.6
55°	467.1	410.2	368.7	340.3	329.6	324.2	312.7	303.4	298.1	295.8	297.3
57.5°	397.9	348.8	318.8	295.8	287.3	285.0	272.7	269.6	265.8	263.5	263.5
60°	334.9	300.4	272.7	259.7	250.4	248.1	238.9	235.1	234.3	232.0	230.5
62.5°	281.9	253.5	234.3	220.5	216.6	215.9	209.7	205.1	202.8	201.3	201.3
65°	235.8	215.1	199.0	189.0	185.9	184.4	177.5	175.9	174.4	172.9	172.1
67.5°	196.7	178.2	166.7	159.8	155.9	156.7	152.9	149.8	149.8	149.0	148.3
70°	159.0	147.5	137.5	133.7	132.1	130.6	129.1	126.8	126.0	126.0	126.0
72.5°	125.2	117.5	112.2	109.9	108.3	106.8	105.2	105.2	105.2	104.5	104.5
75°	96.0	93.0	89.1	86.8	86.8	88.3	86.0	83.7	81.4	79.9	80.7
77.5°	72.2	70.7	68.4	64.5	65.3	63.8	63.8	62.2	63.0	63.0	61.5
80°	53.0	50.7	49.9	47.6	48.4	47.6	46.9	46.9	45.3	45.3	45.3
82.5°	36.9	34.6	34.6	33.8	33.0	33.0	32.3	32.3	33.0	31.5	31.5
85°	22.3	21.5	21.5	20.0	20.0	20.0	20.0	20.7	20.0	19.2	19.2
87.5°	10.0	10.8	10.0	9.2	9.2	9.2	8.5	8.5	7.7	8.5	8.5
90°	17.7	18.7	19.7	20.7	21.2	21.4	21.7	22.0	22.4	22.7	22.4
92.5°	16.9	17.9	18.9	19.9	20.4	20.4	20.4	20.4	20.4	20.4	20.4
95°	17.7	18.7	19.7	20.7	21.2	21.3	21.5	21.6	21.8	22.0	21.8
97.5°	17.5	18.3	19.2	20.0	20.4	20.5	20.7	20.8	21.0	21.2	21.0
100°	30.4	27.6	24.7	21.8	20.4	20.5	20.7	20.8	21.0	21.2	21.0
102.5°	154.5	116.6	78.8	40.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0
105°	237.7	239.2	240.7	242.2	243.0	240.0	233.9	227.9	221.8	215.8	221.8
107.5°	285.4	286.3	287.1	288.0	288.4	288.7	289.4	290.1	290.8	291.5	290.8
110°	334.2	334.5	334.9	335.2	335.4	335.6	336.1	336.6	337.1	337.6	337.1

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	50°	55°	60°	65°	67.5°	70°	75°	80°	85°	90°	95°
112.5°	381.3	381.2	381.0	380.9	380.8	381.1	381.8	382.5	383.1	383.8	383.1
115°	427.3	427.7	428.0	428.3	428.5	428.5	428.5	428.5	428.5	428.5	428.5
117.5°	475.2	475.1	474.9	474.8	474.7	474.7	474.7	474.7	474.7	474.7	474.7
120°	518.1	518.5	518.8	519.1	519.3	519.1	518.8	518.5	518.1	517.8	518.1
122.5°	561.2	561.3	561.5	561.6	561.7	561.5	561.2	560.9	560.5	560.2	560.5
125°	600.1	600.6	601.1	601.6	601.8	601.9	602.1	602.2	602.4	602.6	602.4
127.5°	641.0	640.8	640.7	640.5	640.4	640.3	640.2	640.0	639.9	639.7	639.9
130°	677.0	677.1	677.3	677.4	677.5	677.5	677.5	677.5	677.5	677.5	677.5
132.5°	712.6	712.7	712.9	713.0	713.1	713.0	712.9	712.7	712.6	712.4	712.6
135°	744.5	744.9	745.2	745.5	745.7	745.9	746.2	746.5	746.9	747.2	746.9
137.5°	776.3	776.6	777.0	777.3	777.5	777.4	777.2	777.1	776.9	776.7	776.9
140°	805.2	805.7	806.2	806.7	807.0	807.1	807.2	807.4	807.5	807.7	807.5
142.5°	832.3	832.7	833.0	833.3	833.5	833.5	833.5	833.5	833.5	833.5	833.5
145°	857.9	858.1	858.2	858.4	858.5	858.7	859.0	859.3	859.7	860.0	859.7
147.5°	880.6	880.8	880.9	881.1	881.2	881.3	881.4	881.6	881.7	881.9	881.7
150°	902.4	902.4	902.4	902.4	902.4	902.5	902.6	902.8	902.9	903.1	902.9
152.5°	920.9	921.2	921.6	921.9	922.1	922.0	921.8	921.7	921.5	921.3	921.5
155°	937.1	937.8	938.5	939.2	939.5	939.2	938.7	938.2	937.7	937.2	937.7
157.5°	951.6	952.5	953.3	954.2	954.6	954.2	953.3	952.5	951.6	950.8	951.6
160°	965.4	966.4	967.5	968.5	969.0	968.5	967.5	966.4	965.4	964.4	965.4
162.5°	976.8	977.8	978.8	979.8	980.3	979.7	978.5	977.4	976.2	975.0	976.2
165°	987.0	988.3	989.7	991.0	991.7	990.9	989.4	987.9	986.4	984.9	986.4
167.5°	994.7	996.2	997.7	999.2	1000.0	999.2	997.5	995.8	994.2	992.5	994.2
170°	1002.1	1003.5	1004.8	1006.1	1006.8	1006.0	1004.3	1002.6	1001.0	999.3	1001.0
172.5°	1006.7	1008.0	1009.4	1010.7	1011.4	1010.5	1008.6	1006.8	1004.9	1003.1	1004.9
175°	1009.9	1011.4	1012.9	1014.4	1015.2	1014.2	1012.2	1010.1	1008.1	1006.1	1008.1
177.5°	1012.0	1013.3	1014.7	1016.0	1016.7	1015.7	1013.7	1011.6	1009.6	1007.6	1009.6
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	1024.8	1019.4	1018.7	1018.7	1010.2	1014.8	1005.6	995.6	991.0	991.0	982.6
5°	1110.1	1104.7	1099.3	1090.9	1090.9	1086.3	1071.7	1057.1	1046.3	1037.1	1027.1
7.5°	1197.7	1192.3	1176.9	1168.5	1173.1	1163.9	1144.7	1120.1	1101.6	1087.0	1066.3
10°	1292.9	1278.3	1270.6	1266.0	1249.9	1239.9	1217.6	1181.5	1158.5	1139.3	1112.4
12.5°	1370.5	1375.1	1345.9	1348.2	1332.1	1318.3	1283.7	1249.1	1214.6	1187.7	1147.7
15°	1454.2	1440.4	1422.8	1408.9	1403.5	1386.6	1357.5	1311.4	1273.7	1231.5	1186.1
17.5°	1520.3	1509.6	1492.7	1479.6	1468.1	1427.4	1402.8	1362.1	1310.6	1269.1	1213.8
20°	1576.4	1566.4	1542.6	1534.1	1513.4	1484.2	1448.9	1385.9	1339.8	1294.5	1240.7
22.5°	1600.2	1590.2	1569.5	1558.7	1545.7	1517.2	1483.4	1423.5	1366.7	1309.8	1253.0
25°	1580.2	1580.2	1570.3	1566.4	1554.9	1529.5	1495.0	1444.3	1383.6	1322.1	1254.5
27.5°	1483.4	1502.6	1509.6	1513.4	1513.4	1514.2	1490.4	1441.2	1382.0	1322.1	1251.4
30°	1343.6	1375.9	1404.3	1412.8	1427.4	1443.5	1453.5	1429.7	1376.7	1313.7	1243.0
32.5°	1167.7	1209.2	1262.2	1275.3	1295.2	1343.6	1370.5	1380.5	1351.3	1296.0	1220.7
35°	992.5	1044.8	1077.1	1117.0	1135.4	1206.9	1266.8	1302.9	1296.0	1263.0	1194.6
37.5°	839.7	869.6	908.8	951.1	987.9	1056.3	1130.8	1200.7	1229.2	1213.0	1161.6
40°	692.9	728.3	775.1	809.7	835.1	903.4	995.6	1071.7	1133.9	1143.9	1112.4
42.5°	589.2	624.6	653.0	690.6	710.6	776.7	858.1	953.4	1027.1	1066.3	1052.5
45°	509.3	530.8	553.9	575.4	600.0	658.4	733.7	838.1	921.1	976.4	981.8
47.5°	439.4	458.6	478.6	498.6	512.4	557.7	626.9	712.1	802.8	878.8	908.8
50°	390.3	399.5	414.1	425.6	441.7	480.9	536.2	610.0	706.0	788.2	827.4
52.5°	341.9	353.4	364.9	374.9	385.6	413.3	464.0	527.8	610.7	695.2	743.6
55°	301.1	310.4	321.1	328.0	334.2	358.8	397.2	446.3	517.8	597.7	657.6
57.5°	268.1	272.0	281.2	285.0	291.9	311.9	339.6	383.3	441.0	518.6	567.7
60°	232.0	239.7	246.6	249.7	255.1	268.9	288.1	328.8	378.7	435.6	491.7
62.5°	202.8	205.9	211.3	215.1	218.9	233.5	249.7	280.4	318.0	365.7	417.1
65°	175.9	177.5	180.5	185.9	188.2	199.0	208.2	230.5	265.8	301.9	353.4
67.5°	148.3	149.8	153.6	156.7	159.0	165.9	175.9	192.1	211.3	251.2	279.6
70°	126.8	126.8	129.1	130.6	132.9	136.0	141.4	153.6	171.3	196.7	222.8
72.5°	106.0	106.0	106.0	108.3	108.3	110.6	113.7	122.1	134.4	154.4	171.3
75°	82.2	83.0	84.5	84.5	85.3	88.3	90.7	93.0	99.1	112.2	127.5
77.5°	62.2	63.8	64.5	63.0	64.5	64.5	67.6	70.7	73.7	77.6	89.1
80°	46.1	46.9	45.3	46.1	46.1	47.6	49.2	48.4	49.9	54.5	57.6
82.5°	30.7	31.5	31.5	31.5	31.5	33.8	33.8	33.0	33.8	34.6	35.3
85°	19.2	18.4	18.4	19.2	18.4	18.4	19.2	20.0	19.2	20.0	20.7
87.5°	8.5	8.5	8.5	8.5	7.7	7.7	8.5	7.7	8.5	7.7	6.9
90°	22.0	21.7	21.4	21.2	20.7	19.7	18.7	17.7	16.7	15.3	14.0
92.5°	20.4	20.4	20.4	20.4	19.9	18.9	17.9	16.9	15.9	14.5	13.2
95°	21.6	21.5	21.3	21.2	20.7	19.7	18.7	17.7	16.7	16.5	16.3
97.5°	20.8	20.7	20.5	20.4	20.0	19.2	18.3	17.5	16.7	34.3	52.0
100°	20.8	20.7	20.5	20.4	21.8	24.7	27.6	30.4	33.3	56.5	79.7
102.5°	22.0	22.0	22.0	22.0	40.9	78.8	116.6	154.5	192.3	190.3	188.3
105°	227.9	233.9	240.0	243.0	242.2	240.7	239.2	237.7	236.2	235.4	234.5
107.5°	290.1	289.4	288.7	288.4	288.0	287.1	286.3	285.4	284.6	283.4	282.2
110°	336.6	336.1	335.6	335.4	335.2	334.9	334.5	334.2	333.8	332.8	331.8

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	100°	105°	110°	112.5°	115°	120°	125°	130°	135°	140°	145°
112.5°	382.5	381.8	381.1	380.8	380.9	381.0	381.2	381.3	381.5	381.2	380.8
115°	428.5	428.5	428.5	428.5	428.3	428.0	427.7	427.3	427.0	427.2	427.3
117.5°	474.7	474.7	474.7	474.7	474.8	474.9	475.1	475.2	475.4	474.9	474.4
120°	518.5	518.8	519.1	519.3	519.1	518.8	518.5	518.1	517.8	518.0	518.2
122.5°	560.9	561.2	561.5	561.7	561.6	561.5	561.3	561.2	561.0	560.6	560.3
125°	602.2	602.1	601.9	601.8	601.6	601.1	600.6	600.1	599.6	599.9	600.3
127.5°	640.0	640.2	640.3	640.4	640.5	640.7	640.8	641.0	641.2	640.4	639.5
130°	677.5	677.5	677.5	677.5	677.4	677.3	677.1	677.0	676.8	676.3	675.8
132.5°	712.7	712.9	713.0	713.1	713.0	712.9	712.7	712.6	712.4	711.7	711.0
135°	746.5	746.2	745.9	745.7	745.5	745.2	744.9	744.5	744.2	743.5	742.8
137.5°	777.1	777.2	777.4	777.5	777.3	777.0	776.6	776.3	775.9	775.1	774.3
140°	807.4	807.2	807.1	807.0	806.7	806.2	805.7	805.2	804.7	804.4	804.0
142.5°	833.5	833.5	833.5	833.5	833.3	833.0	832.7	832.3	832.0	831.8	831.6
145°	859.3	859.0	858.7	858.5	858.4	858.2	858.1	857.9	857.7	857.7	857.7
147.5°	881.6	881.4	881.3	881.2	881.1	880.9	880.8	880.6	880.4	880.6	880.8
150°	902.8	902.6	902.5	902.4	902.4	902.4	902.4	902.4	902.4	902.6	902.7
152.5°	921.7	921.8	922.0	922.1	921.9	921.6	921.2	920.9	920.5	920.9	921.2
155°	938.2	938.7	939.2	939.5	939.2	938.5	937.8	937.1	936.4	936.9	937.4
157.5°	952.5	953.3	954.2	954.6	954.2	953.3	952.5	951.6	950.8	951.5	952.1
160°	966.4	967.5	968.5	969.0	968.5	967.5	966.4	965.4	964.4	964.6	964.8
162.5°	977.4	978.5	979.7	980.3	979.8	978.8	977.8	976.8	975.8	976.0	976.2
165°	987.9	989.4	990.9	991.7	991.0	989.7	988.3	987.0	985.6	985.6	985.6
167.5°	995.8	997.5	999.2	1000.0	999.2	997.7	996.2	994.7	993.2	993.4	993.6
170°	1002.6	1004.3	1006.0	1006.8	1006.1	1004.8	1003.5	1002.1	1000.8	1000.6	1000.4
172.5°	1006.8	1008.6	1010.5	1011.4	1010.7	1009.4	1008.0	1006.7	1005.3	1005.1	1005.0
175°	1010.1	1012.2	1014.2	1015.2	1014.4	1012.9	1011.4	1009.9	1008.4	1008.2	1008.0
177.5°	1011.6	1013.7	1015.7	1016.7	1016.0	1014.7	1013.3	1012.0	1010.6	1010.3	1009.9
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	978.0	974.1	971.8	971.0	964.1	960.3	958.0	956.4	954.1	948.0	942.6
5°	1014.8	1004.1	998.7	992.5	981.8	969.5	959.5	953.4	945.7	933.4	921.9
7.5°	1049.4	1033.3	1022.5	1014.1	995.6	975.6	959.5	946.5	931.9	915.0	898.8
10°	1085.5	1059.4	1045.6	1032.5	1005.6	979.5	956.4	937.2	916.5	894.2	876.5
12.5°	1113.9	1079.4	1064.0	1045.6	1012.5	981.8	952.6	926.5	899.6	875.8	850.4
15°	1147.0	1103.9	1086.3	1062.5	1017.1	977.2	939.5	911.1	883.5	848.1	821.2
17.5°	1166.2	1116.2	1090.9	1070.1	1021.0	972.6	928.8	893.4	861.2	825.8	797.4
20°	1185.4	1128.5	1100.1	1070.9	1012.5	961.0	915.0	872.7	838.9	800.5	771.3
22.5°	1191.5	1125.4	1095.5	1068.6	1007.1	949.5	896.5	853.5	814.3	775.9	742.9
25°	1191.5	1124.7	1089.3	1054.8	990.2	931.1	878.1	831.2	787.4	749.0	716.0
27.5°	1179.2	1109.3	1072.4	1040.9	974.1	910.3	855.8	804.3	762.1	723.7	686.0
30°	1163.9	1087.0	1050.2	1012.5	948.0	887.3	828.1	780.5	736.0	692.2	658.4
32.5°	1144.7	1063.2	1022.5	984.1	915.7	852.7	798.2	751.3	709.1	663.7	626.1
35°	1117.0	1027.9	982.6	948.8	882.7	817.4	765.2	719.1	678.3	631.5	590.8
37.5°	1081.7	995.6	949.5	908.0	839.7	779.7	730.6	686.0	646.1	603.1	557.7
40°	1040.2	950.3	910.3	866.6	794.3	737.5	691.4	651.5	611.5	570.8	527.0
42.5°	993.3	904.2	859.6	817.4	748.3	692.2	649.1	613.0	576.2	538.5	491.7
45°	937.2	853.5	810.5	770.5	703.7	646.1	606.9	572.3	540.8	502.4	460.9
47.5°	874.2	801.3	757.5	714.4	649.1	599.2	560.8	531.6	504.7	466.3	428.7
50°	812.8	740.6	705.2	661.4	601.5	554.7	515.5	490.9	470.2	432.5	398.7
52.5°	735.2	680.6	646.8	609.2	551.6	504.0	473.2	451.7	427.1	397.9	368.0
55°	666.8	616.1	589.2	553.9	497.0	454.8	428.7	408.7	389.5	363.4	339.6
57.5°	589.2	557.7	530.8	500.1	444.0	407.9	384.9	368.0	350.3	328.8	309.6
60°	507.8	493.2	467.1	442.5	394.9	363.4	344.2	328.8	311.9	294.2	278.1
62.5°	435.6	427.1	411.8	392.6	348.0	321.1	301.9	290.4	278.1	262.0	246.6
65°	367.2	363.4	348.8	334.9	304.2	280.4	263.5	256.6	242.8	230.5	216.6
67.5°	306.5	301.9	293.5	287.3	261.2	238.9	230.5	221.2	209.7	200.5	189.0
70°	245.1	244.3	238.9	231.2	217.4	201.3	192.8	186.7	175.2	168.2	159.8
72.5°	190.5	194.4	189.8	186.7	177.5	165.9	158.3	154.4	145.2	139.8	133.7
75°	142.1	145.2	147.5	142.1	139.8	134.4	127.5	123.7	119.1	111.4	109.1
77.5°	96.8	103.7	103.7	105.2	106.0	102.9	97.6	94.5	89.1	87.6	84.5
80°	63.8	69.9	70.7	72.2	74.5	74.5	70.7	69.9	64.5	63.8	61.5
82.5°	36.9	42.3	45.3	47.6	46.9	49.9	46.9	46.1	43.0	43.0	41.5
85°	20.0	20.7	22.3	23.8	25.4	26.9	26.9	26.1	25.4	24.6	23.0
87.5°	7.7	7.7	8.5	7.7	8.5	10.0	10.8	10.8	10.0	9.2	7.7
90°	12.6	11.3	10.6	9.7	7.8	6.0	4.1	2.3	4.1	6.0	7.8
92.5°	11.8	10.5	9.8	10.0	10.3	10.7	11.0	11.4	11.0	10.7	10.3
95°	16.2	16.0	15.9	18.8	24.5	30.2	35.9	41.6	35.9	30.2	24.5
97.5°	69.6	87.3	96.1	94.3	90.6	86.9	83.2	79.5	83.2	86.9	90.6
100°	103.0	126.2	137.8	136.3	133.3	130.2	127.2	124.2	127.2	130.2	133.3
102.5°	186.2	184.2	183.2	182.2	180.2	178.1	176.1	174.1	176.1	178.1	180.2
105°	233.7	232.8	232.4	231.9	230.9	229.9	228.9	227.9	228.9	229.9	230.9
107.5°	281.1	279.9	279.3	279.1	278.6	278.1	277.6	277.1	277.6	278.1	278.6
110°	330.8	329.8	329.3	329.0	328.5	328.0	327.5	327.0	327.5	328.0	328.5

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	150°	155°	157.5°	160°	165°	170°	175°	180°	185°	190°	195°
112.5°	380.5	380.2	380.0	379.5	378.5	377.5	376.5	375.5	376.5	377.5	378.5
115°	427.5	427.6	427.7	427.4	426.9	426.4	425.9	425.4	425.9	426.4	426.9
117.5°	473.9	473.4	473.1	472.8	472.1	471.4	470.8	470.1	470.8	471.4	472.1
120°	518.3	518.5	518.6	518.3	517.6	516.9	516.2	515.5	516.2	516.9	517.6
122.5°	559.9	559.6	559.4	559.2	558.9	558.6	558.2	557.9	558.2	558.6	558.9
125°	600.6	600.9	601.1	600.8	600.1	599.4	598.7	598.0	598.7	599.4	600.1
127.5°	638.7	637.8	637.4	637.3	637.2	637.0	636.9	636.7	636.9	637.0	637.2
130°	675.3	674.8	674.5	674.4	674.2	674.1	673.9	673.7	673.9	674.1	674.2
132.5°	710.3	709.6	709.3	709.1	708.8	708.5	708.1	707.8	708.1	708.5	708.8
135°	742.1	741.4	741.1	741.2	741.4	741.5	741.7	741.9	741.7	741.5	741.4
137.5°	773.4	772.6	772.2	772.2	772.2	772.2	772.2	772.2	772.2	772.2	772.2
140°	803.7	803.4	803.2	803.0	802.7	802.4	802.0	801.7	802.0	802.4	802.7
142.5°	831.5	831.3	831.2	830.9	830.2	829.5	828.9	828.2	828.9	829.5	830.2
145°	857.7	857.7	857.7	857.4	856.9	856.4	855.9	855.4	855.9	856.4	856.9
147.5°	880.9	881.1	881.2	880.7	879.7	878.6	877.6	876.6	877.6	878.6	879.7
150°	902.9	903.0	903.1	902.8	902.1	901.4	900.8	900.1	900.8	901.4	902.1
152.5°	921.6	921.9	922.1	921.8	921.3	920.8	920.3	919.8	920.3	920.8	921.3
155°	937.9	938.4	938.7	938.6	938.4	938.3	938.1	937.9	938.1	938.3	938.4
157.5°	952.8	953.5	953.8	953.8	953.8	953.8	953.8	953.8	953.8	953.8	953.8
160°	964.9	965.1	965.2	965.5	966.0	966.5	967.0	967.5	967.0	966.5	966.0
162.5°	976.3	976.5	976.6	976.9	977.6	978.3	978.9	979.6	978.9	978.3	977.6
165°	985.6	985.6	985.6	986.0	986.9	987.7	988.6	989.4	988.6	987.7	986.9
167.5°	993.7	993.9	994.0	994.4	995.3	996.1	997.0	997.8	997.0	996.1	995.3
170°	1000.3	1000.1	1000.0	1000.5	1001.5	1002.6	1003.6	1004.6	1003.6	1002.6	1001.5
172.5°	1004.8	1004.7	1004.6	1005.1	1006.1	1007.1	1008.1	1009.1	1008.1	1007.1	1006.1
175°	1007.9	1007.7	1007.6	1008.1	1009.1	1010.1	1011.1	1012.1	1011.1	1010.1	1009.1
177.5°	1009.6	1009.3	1009.1	1009.7	1010.9	1012.0	1013.2	1014.4	1013.2	1012.0	1010.9
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	938.0	936.5	934.9	928.8	923.4	914.2	906.5	903.4	902.7	903.4	901.1
5°	911.1	910.3	905.0	894.2	884.2	873.5	865.8	858.1	853.5	853.5	848.1
7.5°	885.8	880.4	875.8	861.9	850.4	835.8	824.3	817.4	813.6	805.1	805.1
10°	858.9	851.2	845.0	832.0	815.1	800.5	785.9	777.4	770.5	764.4	762.1
12.5°	832.0	825.8	814.3	800.5	783.6	765.2	749.8	743.6	727.5	714.4	715.2
15°	806.6	792.8	787.4	767.5	747.5	729.8	707.5	689.9	676.8	668.4	657.6
17.5°	778.2	764.4	754.4	737.5	711.4	683.7	662.2	638.4	625.3	610.7	603.8
20°	746.7	735.2	727.5	700.6	669.1	636.1	612.3	597.7	583.1	572.3	566.2
22.5°	719.8	705.2	696.0	659.9	625.3	592.3	573.9	561.6	549.3	540.1	537.0
25°	685.3	676.8	654.5	623.0	580.8	558.5	542.4	526.2	519.3	513.2	506.3
27.5°	656.8	636.1	620.7	579.2	553.1	527.8	511.6	499.3	490.9	484.7	479.4
30°	621.5	602.3	580.8	546.2	522.4	498.6	484.0	474.0	464.8	460.9	456.3
32.5°	584.6	566.9	546.2	518.6	489.4	470.9	459.4	448.6	442.5	438.7	433.3
35°	551.6	529.3	515.5	489.4	465.5	444.8	434.0	424.8	417.9	416.4	415.6
37.5°	516.2	499.3	486.3	459.4	439.4	421.8	411.8	401.8	397.9	397.2	394.1
40°	485.5	470.9	458.6	433.3	411.8	395.6	388.0	381.8	378.0	378.0	377.2
42.5°	458.6	443.3	431.0	407.9	388.7	374.1	365.7	359.5	358.0	358.8	358.0
45°	428.7	415.6	403.3	379.5	363.4	352.6	343.4	340.3	338.0	338.8	339.6
47.5°	400.2	389.5	377.2	358.0	339.6	328.0	322.7	319.6	319.6	319.6	321.1
50°	374.9	362.6	351.8	331.9	315.0	305.8	301.1	297.3	298.1	298.8	299.6
52.5°	344.9	334.2	326.5	306.5	294.2	282.7	277.3	278.1	277.3	277.3	278.9
55°	318.8	308.1	300.4	281.9	269.6	262.0	257.4	255.1	255.8	254.3	257.4
57.5°	289.6	280.4	275.0	257.4	246.6	239.7	235.8	232.0	233.5	232.8	232.0
60°	264.3	253.5	245.1	232.8	223.6	215.1	212.8	209.0	210.5	209.0	208.2
62.5°	235.1	226.6	220.5	208.2	200.5	193.6	188.2	185.9	185.1	182.8	180.5
65°	205.9	201.3	195.1	182.8	175.2	169.8	166.7	164.4	163.6	157.5	150.6
67.5°	179.0	175.9	169.8	160.6	153.6	148.3	143.7	139.8	135.2	130.6	126.8
70°	153.6	149.0	145.2	136.7	130.6	125.2	120.6	116.0	113.7	109.1	107.6
72.5°	129.1	124.5	120.6	112.9	107.6	102.2	100.6	95.3	93.0	92.2	92.2
75°	103.7	99.9	97.6	90.7	86.0	82.2	79.9	78.4	76.8	75.3	73.0
77.5°	79.1	76.8	75.3	70.7	66.8	64.5	63.8	58.4	56.8	55.3	53.8
80°	57.6	56.8	55.3	51.5	49.9	44.6	44.6	43.0	42.3	42.3	42.3
82.5°	39.2	37.6	36.9	33.0	32.3	31.5	30.7	30.0	30.7	30.0	30.7
85°	20.7	20.0	19.2	19.2	19.2	19.2	19.2	19.2	19.2	18.4	19.2
87.5°	7.7	7.7	7.7	7.7	6.9	7.7	7.7	6.9	7.7	7.7	7.7
90°	9.7	10.6	11.3	12.6	14.0	15.3	16.7	17.7	18.7	19.7	20.7
92.5°	10.0	9.8	10.5	11.8	13.2	14.5	15.9	16.9	17.9	18.9	19.9
95°	18.8	15.9	16.0	16.2	16.3	16.5	16.7	17.7	18.7	19.7	20.7
97.5°	94.3	96.1	87.3	69.6	52.0	34.3	16.7	17.5	18.3	19.2	20.0
100°	136.3	137.8	126.2	103.0	79.7	56.5	33.3	30.4	27.6	24.7	21.8
102.5°	182.2	183.2	184.2	186.2	188.3	190.3	192.3	154.5	116.6	78.8	40.9
105°	231.9	232.4	232.8	233.7	234.5	235.4	236.2	237.7	239.2	240.7	242.2
107.5°	279.1	279.3	279.9	281.1	282.2	283.4	284.6	285.4	286.3	287.1	288.0
110°	329.0	329.3	329.8	330.8	331.8	332.8	333.8	334.2	334.5	334.9	335.2



TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	200°	202.5°	205°	210°	215°	220°	225°	230°	235°	240°	245°
112.5°	379.5	380.0	380.2	380.5	380.8	381.2	381.5	381.3	381.2	381.0	380.9
115°	427.4	427.7	427.6	427.5	427.3	427.2	427.0	427.3	427.7	428.0	428.3
117.5°	472.8	473.1	473.4	473.9	474.4	474.9	475.4	475.2	475.1	474.9	474.8
120°	518.3	518.6	518.5	518.3	518.2	518.0	517.8	518.1	518.5	518.8	519.1
122.5°	559.2	559.4	559.6	559.9	560.3	560.6	561.0	561.2	561.3	561.5	561.6
125°	600.8	601.1	600.9	600.6	600.3	599.9	599.6	600.1	600.6	601.1	601.6
127.5°	637.3	637.4	637.8	638.7	639.5	640.4	641.2	641.0	640.8	640.7	640.5
130°	674.4	674.5	674.8	675.3	675.8	676.3	676.8	677.0	677.1	677.3	677.4
132.5°	709.1	709.3	709.6	710.3	711.0	711.7	712.4	712.6	712.7	712.9	713.0
135°	741.2	741.1	741.4	742.1	742.8	743.5	744.2	744.5	744.9	745.2	745.5
137.5°	772.2	772.2	772.6	773.4	774.3	775.1	775.9	776.3	776.6	777.0	777.3
140°	803.0	803.2	803.4	803.7	804.0	804.4	804.7	805.2	805.7	806.2	806.7
142.5°	830.9	831.2	831.3	831.5	831.6	831.8	832.0	832.3	832.7	833.0	833.3
145°	857.4	857.7	857.7	857.7	857.7	857.7	857.7	857.9	858.1	858.2	858.4
147.5°	880.7	881.2	881.1	880.9	880.8	880.6	880.4	880.6	880.8	880.9	881.1
150°	902.8	903.1	903.0	902.9	902.7	902.6	902.4	902.4	902.4	902.4	902.4
152.5°	921.8	922.1	921.9	921.6	921.2	920.9	920.5	920.9	921.2	921.6	921.9
155°	938.6	938.7	938.4	937.9	937.4	936.9	936.4	937.1	937.8	938.5	939.2
157.5°	953.8	953.8	953.5	952.8	952.1	951.5	950.8	951.6	952.5	953.3	954.2
160°	965.5	965.2	965.1	964.9	964.8	964.6	964.4	965.4	966.4	967.5	968.5
162.5°	976.9	976.6	976.5	976.3	976.2	976.0	975.8	976.8	977.8	978.8	979.8
165°	986.0	985.6	985.6	985.6	985.6	985.6	985.6	987.0	988.3	989.7	991.0
167.5°	994.4	994.0	993.9	993.7	993.6	993.4	993.2	994.7	996.2	997.7	999.2
170°	1000.5	1000.0	1000.1	1000.3	1000.4	1000.6	1000.8	1002.1	1003.5	1004.8	1006.1
172.5°	1005.1	1004.6	1004.7	1004.8	1005.0	1005.1	1005.3	1006.7	1008.0	1009.4	1010.7
175°	1008.1	1007.6	1007.7	1007.9	1008.0	1008.2	1008.4	1009.9	1011.4	1012.9	1014.4
177.5°	1009.7	1009.1	1009.3	1009.6	1009.9	1010.3	1010.6	1012.0	1013.3	1014.7	1016.0
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	901.1	904.2	900.4	902.7	897.3	896.5	897.3	897.3	898.1	898.8	899.6
5°	850.4	849.7	845.0	842.0	839.7	842.0	843.5	845.0	843.5	845.0	845.8
7.5°	802.8	800.5	798.2	792.8	794.3	792.8	797.4	795.1	795.1	799.0	802.0
10°	760.5	755.9	754.4	748.3	743.6	742.9	748.3	750.6	752.9	754.4	760.5
12.5°	706.0	699.1	693.7	696.0	683.0	688.3	689.9	686.8	696.0	706.8	700.6
15°	647.6	648.4	637.6	633.8	623.0	626.1	626.9	634.6	642.2	641.5	650.7
17.5°	604.6	600.0	590.8	590.0	585.4	587.7	586.9	593.1	590.8	594.6	602.3
20°	564.6	561.6	553.9	550.8	552.4	550.8	551.6	552.4	554.7	563.1	561.6
22.5°	533.1	529.3	529.3	525.5	520.9	519.3	523.2	525.5	528.5	530.1	533.9
25°	505.5	502.4	498.6	496.3	492.4	493.2	495.5	498.6	500.9	504.0	507.0
27.5°	477.1	477.1	473.2	472.5	470.9	470.2	473.2	474.8	474.8	477.1	480.1
30°	454.8	454.8	450.9	450.2	449.4	449.4	451.7	452.5	453.3	455.6	457.1
32.5°	433.3	432.5	431.0	431.7	431.0	431.7	431.7	432.5	434.0	434.8	437.9
35°	413.3	414.1	412.5	412.5	411.8	412.5	414.1	414.8	415.6	417.1	417.1
37.5°	394.1	395.6	394.9	397.2	397.2	397.2	397.2	398.7	398.7	398.7	397.9
40°	377.2	377.2	376.4	378.0	379.5	379.5	380.3	380.3	381.0	381.0	380.3
42.5°	358.0	359.5	361.8	362.6	364.1	363.4	365.7	364.9	365.7	364.1	362.6
45°	340.3	340.3	343.4	346.5	347.2	347.2	347.2	348.8	347.2	344.9	344.2
47.5°	321.1	322.7	324.2	328.0	328.8	328.8	328.8	328.8	327.3	327.3	327.3
50°	301.9	302.7	303.4	305.0	307.3	306.5	306.5	306.5	309.6	306.5	307.3
52.5°	278.9	279.6	280.4	283.5	282.7	282.7	283.5	283.5	285.8	285.0	283.5
55°	255.8	255.8	257.4	257.4	257.4	258.9	259.7	261.2	260.4	261.2	262.0
57.5°	232.8	231.2	230.5	230.5	232.8	232.0	232.8	232.8	235.8	237.4	238.1
60°	205.9	205.9	205.1	200.5	200.5	199.7	202.0	203.6	205.1	212.0	211.3
62.5°	178.2	175.2	172.1	172.9	168.2	170.5	169.0	170.5	175.2	180.5	181.3
65°	150.6	148.3	145.2	144.4	142.9	145.2	144.4	145.2	147.5	150.6	154.4
67.5°	126.0	125.2	123.7	122.9	122.9	122.9	124.5	124.5	125.2	127.5	129.8
70°	107.6	106.8	107.6	106.0	106.8	106.0	106.8	107.6	108.3	109.1	111.4
72.5°	90.7	90.7	90.7	89.1	90.7	89.9	89.9	90.7	91.4	92.2	93.7
75°	72.2	70.7	69.1	67.6	66.8	68.4	69.1	68.4	70.7	73.7	73.7
77.5°	54.5	53.8	53.8	53.8	54.5	53.8	55.3	54.5	55.3	55.3	56.8
80°	42.3	41.5	42.3	42.3	41.5	43.0	42.3	42.3	43.0	43.8	43.0
82.5°	30.7	31.5	30.7	30.7	30.7	32.3	30.7	30.7	30.7	31.5	31.5
85°	19.2	19.2	19.2	19.2	20.0	19.2	20.0	19.2	20.7	20.0	20.0
87.5°	6.9	7.7	8.5	8.5	8.5	8.5	7.7	8.5	9.2	8.5	9.2
90°	21.2	21.4	21.7	22.0	22.4	22.7	22.4	22.0	21.7	21.4	21.2
92.5°	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
95°	21.2	21.3	21.5	21.6	21.8	22.0	21.8	21.6	21.5	21.3	21.2
97.5°	20.4	20.5	20.7	20.8	21.0	21.2	21.0	20.8	20.7	20.5	20.4
100°	20.4	20.5	20.7	20.8	21.0	21.2	21.0	20.8	20.7	20.5	20.4
102.5°	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
105°	243.0	240.0	233.9	227.9	221.8	215.8	221.8	227.9	233.9	240.0	243.0
107.5°	288.4	288.7	289.4	290.1	290.8	291.5	290.8	290.1	289.4	288.7	288.4
110°	335.4	335.6	336.1	336.6	337.1	337.6	337.1	336.6	336.1	335.6	335.4

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	247.5°	250°	255°	260°	265°	270°	275°	280°	285°	290°	292.5°
112.5°	380.8	381.1	381.8	382.5	383.1	383.8	383.1	382.5	381.8	381.1	380.8
115°	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5	428.5
117.5°	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7	474.7
120°	519.3	519.1	518.8	518.5	518.1	517.8	518.1	518.5	518.8	519.1	519.3
122.5°	561.7	561.5	561.2	560.9	560.5	560.2	560.5	560.9	561.2	561.5	561.7
125°	601.8	601.9	602.1	602.2	602.4	602.6	602.4	602.2	602.1	601.9	601.8
127.5°	640.4	640.3	640.2	640.0	639.9	639.7	639.9	640.0	640.2	640.3	640.4
130°	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5	677.5
132.5°	713.1	713.0	712.9	712.7	712.6	712.4	712.6	712.7	712.9	713.0	713.1
135°	745.7	745.9	746.2	746.5	746.9	747.2	746.9	746.5	746.2	745.9	745.7
137.5°	777.5	777.4	777.2	777.1	776.9	776.7	776.9	777.1	777.2	777.4	777.5
140°	807.0	807.1	807.2	807.4	807.5	807.7	807.5	807.4	807.2	807.1	807.0
142.5°	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5	833.5
145°	858.5	858.7	859.0	859.3	859.7	860.0	859.7	859.3	859.0	858.7	858.5
147.5°	881.2	881.3	881.4	881.6	881.7	881.9	881.7	881.6	881.4	881.3	881.2
150°	902.4	902.5	902.6	902.8	902.9	903.1	902.9	902.8	902.6	902.5	902.4
152.5°	922.1	922.0	921.8	921.7	921.5	921.3	921.5	921.7	921.8	922.0	922.1
155°	939.5	939.2	938.7	938.2	937.7	937.2	937.7	938.2	938.7	939.2	939.5
157.5°	954.6	954.2	953.3	952.5	951.6	950.8	951.6	952.5	953.3	954.2	954.6
160°	969.0	968.5	967.5	966.4	965.4	964.4	965.4	966.4	967.5	968.5	969.0
162.5°	980.3	979.7	978.5	977.4	976.2	975.0	976.2	977.4	978.5	979.7	980.3
165°	991.7	990.9	989.4	987.9	986.4	984.9	986.4	987.9	989.4	990.9	991.7
167.5°	1000.0	999.2	997.5	995.8	994.2	992.5	994.2	995.8	997.5	999.2	1000.0
170°	1006.8	1006.0	1004.3	1002.6	1001.0	999.3	1001.0	1002.6	1004.3	1006.0	1006.8
172.5°	1011.4	1010.5	1008.6	1006.8	1004.9	1003.1	1004.9	1006.8	1008.6	1010.5	1011.4
175°	1015.2	1014.2	1012.2	1010.1	1008.1	1006.1	1008.1	1010.1	1012.2	1014.2	1015.2
177.5°	1016.7	1015.7	1013.7	1011.6	1009.6	1007.6	1009.6	1011.6	1013.7	1015.7	1016.7
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
0°	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4	953.4
2.5°	902.7	906.5	905.0	899.6	901.9	906.5	911.1	917.3	921.1	924.2	925.7
5°	849.7	856.6	855.0	855.0	858.1	865.8	873.5	886.5	891.1	896.5	904.2
7.5°	802.8	808.2	812.8	814.3	818.9	828.9	838.9	853.5	865.0	871.2	875.8
10°	761.3	765.2	772.1	775.9	780.5	792.8	807.4	822.8	834.3	845.0	851.2
12.5°	708.3	723.7	732.9	739.0	745.2	763.6	775.1	792.0	805.9	815.9	825.1
15°	649.1	667.6	673.0	696.8	712.1	726.7	744.4	764.4	777.4	789.0	801.3
17.5°	599.2	612.3	618.4	643.8	656.8	679.9	705.2	730.6	750.6	759.0	771.3
20°	567.7	574.6	586.9	595.4	609.2	636.1	663.7	694.5	724.4	732.9	745.2
22.5°	535.5	544.7	553.1	564.6	575.4	593.8	621.5	655.3	687.6	702.9	717.5
25°	506.3	515.5	520.9	533.1	543.1	561.6	580.8	615.3	653.8	666.8	689.9
27.5°	483.2	488.6	497.8	503.2	514.7	531.6	549.3	575.4	613.0	635.3	657.6
30°	460.2	464.0	471.7	479.4	487.8	499.3	519.3	544.7	579.2	598.4	620.7
32.5°	437.1	443.3	447.9	453.3	462.5	476.3	490.1	514.7	542.4	563.9	586.2
35°	417.9	420.2	426.4	432.5	438.7	450.9	465.5	489.4	513.9	530.8	550.8
37.5°	397.2	401.0	405.6	407.9	417.9	425.6	441.0	459.4	488.6	499.3	519.3
40°	381.0	380.3	384.9	388.7	393.3	405.6	414.8	434.8	457.9	474.8	487.1
42.5°	361.1	361.1	362.6	367.2	373.4	381.0	391.8	408.7	432.5	444.8	459.4
45°	344.9	342.6	343.4	346.5	350.3	358.0	368.7	383.3	407.2	417.1	432.5
47.5°	325.7	323.4	323.4	326.5	329.6	334.9	343.4	360.3	379.5	392.6	404.1
50°	304.2	305.0	304.2	306.5	308.1	313.4	322.7	336.5	354.2	364.9	378.0
52.5°	284.2	282.7	281.9	283.5	286.5	290.4	300.4	312.7	329.6	340.3	351.8
55°	259.7	261.2	261.2	261.2	265.8	267.3	275.0	287.3	304.2	312.7	323.4
57.5°	237.4	236.6	238.1	237.4	241.2	246.6	252.7	262.0	278.9	287.3	297.3
60°	212.8	213.6	214.3	214.3	217.4	222.8	229.7	238.1	252.0	260.4	269.6
62.5°	182.8	186.7	190.5	192.1	196.7	200.5	205.1	214.3	226.6	232.8	241.2
65°	154.4	159.8	165.2	169.0	172.1	175.9	182.1	190.5	200.5	206.7	215.1
67.5°	129.8	133.7	140.6	144.4	150.6	155.2	159.0	165.9	178.2	180.5	187.4
70°	112.2	113.7	116.8	119.8	126.8	130.6	135.2	142.1	151.3	156.7	160.6
72.5°	94.5	95.3	96.8	99.9	102.9	107.6	112.9	119.1	127.5	129.8	135.2
75°	75.3	79.9	79.9	82.2	84.5	86.8	91.4	97.6	102.9	106.8	109.9
77.5°	56.1	58.4	59.9	63.8	66.8	69.1	72.2	76.8	79.9	83.0	85.3
80°	43.8	44.6	45.3	45.3	46.9	49.9	53.0	56.1	59.9	61.5	63.8
82.5°	32.3	32.3	32.3	33.8	34.6	35.3	35.3	36.9	40.7	42.3	44.6
85°	20.7	20.7	20.7	20.7	21.5	22.3	23.0	23.8	23.8	23.8	25.4
87.5°	8.5	10.0	9.2	10.0	10.0	10.0	10.0	10.8	10.8	11.5	11.5
90°	20.7	19.7	18.7	17.7	16.7	15.3	14.0	12.6	11.3	10.6	9.7
92.5°	19.9	18.9	17.9	16.9	15.9	14.5	13.2	11.8	10.5	9.8	10.0
95°	20.7	19.7	18.7	17.7	16.7	16.5	16.3	16.2	16.0	15.9	18.8
97.5°	20.0	19.2	18.3	17.5	16.7	34.3	52.0	69.6	87.3	96.1	94.3
100°	21.8	24.7	27.6	30.4	33.3	56.5	79.7	103.0	126.2	137.8	136.3
102.5°	40.9	78.8	116.6	154.5	192.3	190.3	188.3	186.2	184.2	183.2	182.2
105°	242.2	240.7	239.2	237.7	236.2	235.4	234.5	233.7	232.8	232.4	231.9
107.5°	288.0	287.1	286.3	285.4	284.6	283.4	282.2	281.1	279.9	279.3	279.1
110°	335.2	334.9	334.5	334.2	333.8	332.8	331.8	330.8	329.8	329.3	329.0

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	295°	300°	305°	310°	315°	320°	325°	330°	335°	337.5°	340°
112.5°	380.9	381.0	381.2	381.3	381.5	381.2	380.8	380.5	380.2	380.0	379.5
115°	428.3	428.0	427.7	427.3	427.0	427.2	427.3	427.5	427.6	427.7	427.4
117.5°	474.8	474.9	475.1	475.2	475.4	474.9	474.4	473.9	473.4	473.1	472.8
120°	519.1	518.8	518.5	518.1	517.8	518.0	518.2	518.3	518.5	518.6	518.3
122.5°	561.6	561.5	561.3	561.2	561.0	560.6	560.3	559.9	559.6	559.4	559.2
125°	601.6	601.1	600.6	600.1	599.6	599.9	600.3	600.6	600.9	601.1	600.8
127.5°	640.5	640.7	640.8	641.0	641.2	640.4	639.5	638.7	637.8	637.4	637.3
130°	677.4	677.3	677.1	677.0	676.8	676.3	675.8	675.3	674.8	674.5	674.4
132.5°	713.0	712.9	712.7	712.6	712.4	711.7	711.0	710.3	709.6	709.3	709.1
135°	745.5	745.2	744.9	744.5	744.2	743.5	742.8	742.1	741.4	741.1	741.2
137.5°	777.3	777.0	776.6	776.3	775.9	775.1	774.3	773.4	772.6	772.2	772.2
140°	806.7	806.2	805.7	805.2	804.7	804.4	804.0	803.7	803.4	803.2	803.0
142.5°	833.3	833.0	832.7	832.3	832.0	831.8	831.6	831.5	831.3	831.2	830.9
145°	858.4	858.2	858.1	857.9	857.7	857.7	857.7	857.7	857.7	857.7	857.4
147.5°	881.1	880.9	880.8	880.6	880.4	880.6	880.8	880.9	881.1	881.2	880.7
150°	902.4	902.4	902.4	902.4	902.4	902.6	902.7	902.9	903.0	903.1	902.8
152.5°	921.9	921.6	921.2	920.9	920.5	920.9	921.2	921.6	921.9	922.1	921.8
155°	939.2	938.5	937.8	937.1	936.4	936.9	937.4	937.9	938.4	938.7	938.6
157.5°	954.2	953.3	952.5	951.6	950.8	951.5	952.1	952.8	953.5	953.8	953.8
160°	968.5	967.5	966.4	965.4	964.4	964.6	964.8	964.9	965.1	965.2	965.5
162.5°	979.8	978.8	977.8	976.8	975.8	976.0	976.2	976.3	976.5	976.6	976.9
165°	991.0	989.7	988.3	987.0	985.6	985.6	985.6	985.6	985.6	985.6	986.0
167.5°	999.2	997.7	996.2	994.7	993.2	993.4	993.6	993.7	993.9	994.0	994.4
170°	1006.1	1004.8	1003.5	1002.1	1000.8	1000.6	1000.4	1000.3	1000.1	1000.0	1000.5
172.5°	1010.7	1009.4	1008.0	1006.7	1005.3	1005.1	1005.0	1004.8	1004.7	1004.6	1005.1
175°	1014.4	1012.9	1011.4	1009.9	1008.4	1008.2	1008.0	1007.9	1007.7	1007.6	1008.1
177.5°	1016.0	1014.7	1013.3	1012.0	1010.6	1010.3	1009.9	1009.6	1009.3	1009.1	1009.7
180°	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1	1012.1

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
0°	953.4	953.4	953.4	953.4
2.5°	931.9	936.5	944.1	954.9
5°	910.3	923.4	935.7	951.8
7.5°	891.1	906.5	923.4	946.5
10°	868.9	888.1	909.6	938.0
12.5°	842.7	869.6	894.2	924.9
15°	823.5	843.5	875.0	911.1
17.5°	796.6	823.5	855.0	895.8
20°	771.3	799.7	835.1	877.3
22.5°	744.4	776.7	812.0	857.3
25°	716.8	751.3	786.7	835.1
27.5°	691.4	722.9	762.8	812.0
30°	660.7	696.8	735.2	786.7
32.5°	630.7	668.4	707.5	759.0
35°	598.4	636.1	679.1	728.3
37.5°	566.9	608.4	647.6	695.2
40°	532.4	575.4	616.1	664.5
42.5°	498.6	543.1	583.9	625.3
45°	467.1	510.9	547.7	586.9
47.5°	437.1	476.3	513.9	549.3
50°	407.9	441.0	475.5	504.7
52.5°	377.2	408.7	436.4	462.5
55°	349.5	374.1	398.7	422.5
57.5°	316.5	341.1	362.6	381.0
60°	288.9	304.2	325.0	344.2
62.5°	257.4	275.0	291.2	303.4
65°	226.6	242.0	254.3	265.0
67.5°	200.5	209.7	218.9	230.5
70°	169.0	176.7	187.4	195.9
72.5°	142.1	148.3	153.6	163.6
75°	115.2	120.6	123.7	132.9
77.5°	89.1	94.5	96.8	102.2
80°	68.4	69.1	72.2	76.8
82.5°	46.9	48.4	49.2	53.0
85°	26.9	30.7	30.0	31.5
87.5°	11.5	12.3	13.8	15.4
90°	7.8	6.0	4.1	2.3
92.5°	10.3	10.7	11.0	11.4
95°	24.5	30.2	35.9	41.6
97.5°	90.6	86.9	83.2	79.5
100°	133.3	130.2	127.2	124.2
102.5°	180.2	178.1	176.1	174.1
105°	230.9	229.9	228.9	227.9
107.5°	278.6	278.1	277.6	277.1
110°	328.5	328.0	327.5	327.0

TEST NUMBER: P1013386

CATALOG NUMBER: S124RDIP-B575D810UB2750-4F0-XX-W2A-A_2700K

CANDELA DISTRIBUTION (continued):

	345°	350°	355°	360°
112.5°	378.5	377.5	376.5	375.5
115°	426.9	426.4	425.9	425.4
117.5°	472.1	471.4	470.8	470.1
120°	517.6	516.9	516.2	515.5
122.5°	558.9	558.6	558.2	557.9
125°	600.1	599.4	598.7	598.0
127.5°	637.2	637.0	636.9	636.7
130°	674.2	674.1	673.9	673.7
132.5°	708.8	708.5	708.1	707.8
135°	741.4	741.5	741.7	741.9
137.5°	772.2	772.2	772.2	772.2
140°	802.7	802.4	802.0	801.7
142.5°	830.2	829.5	828.9	828.2
145°	856.9	856.4	855.9	855.4
147.5°	879.7	878.6	877.6	876.6
150°	902.1	901.4	900.8	900.1
152.5°	921.3	920.8	920.3	919.8
155°	938.4	938.3	938.1	937.9
157.5°	953.8	953.8	953.8	953.8
160°	966.0	966.5	967.0	967.5
162.5°	977.6	978.3	978.9	979.6
165°	986.9	987.7	988.6	989.4
167.5°	995.3	996.1	997.0	997.8
170°	1001.5	1002.6	1003.6	1004.6
172.5°	1006.1	1007.1	1008.1	1009.1
175°	1009.1	1010.1	1011.1	1012.1
177.5°	1010.9	1012.0	1013.2	1014.4
180°	1012.1	1012.1	1012.1	1012.1

(END OF REPORT)